

## **ERROR DIFFUSION WITH AVERAGED DIRECTIONAL BIASES**

### **ABSTRACT OF THE DISCLOSURE**

A method and system are provided to perform digital printing using  
5 error diffusion but without the usual problems of the anisotropy associated  
with that method. The method computes several error diffused digital images  
on a variety of rasters, and averages them with some chosen set of weights.  
The method works directly for printers with more than two choices per color  
per pixel, and can be implemented by defining super-pixels, even with the  
10 simpler printers that have only white and black or two color value per color  
coordinate.